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*Intellectual Property & Technology Law*

To Fax no.: 571-273-8300

Page 1 of: 14

Attention: United States Patent  
and Trademark Office  
Examiner: Hussein A. El Chanti  
Art Unit 2157  
Mail Stop:  
Amendment

438 University Avenue  
Suite 1500, Box 111  
Toronto, Canada M5G 2K8

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From: Peter A. Elyjiw (PAE/jhs)

Your file no.: Application No. 10/029,194

Date: April 26, 2006

Reply to Toronto file no.: 92074-112

Time:

Please see attached:

1. Amendment Transmittal Letter
2. Response to Office Action dated April 26, 2006

If there are any transmission problems, please call (416) 593-5514.

Original copy and any enclosures

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of:

Shahram Shah-Heydari

Serial No.: 10/029,194

Filed: December 28, 2001

For: HIERARCHICAL TREE-BASED  
PROTECTION SCHEME FOR  
MESH NETWORKSThe Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
U.S.A.

Group Art Unit: 2157

Examiner: Hussein A. El Chantli

Attorney Docket: 92074-112

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Ronald D. Faggarter (Reg. No. 33,345)

Typed or printed name of person signing this certificate

Dear Sir:

Customer No. 22463

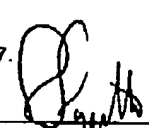
**AMENDMENT TRANSMITTAL LETTER (Large Entity)**

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST # PREV. PAID FOR	NUMBER EXTRA CLAIMS PRESENT	RATE	ADDITIONAL FEE
TOTAL CLAIMS	22 -	20 =	2	X \$50.00	\$ 100.00
INDEP CLAIMS	7 -	7 =	0	X \$200.00	\$0
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$100.00

- ☐ No additional fee is required for amendment.
- ☒ Please charge Deposit Account No. 19-2548 in the amount of \$ 100.00. A duplicate copy of this sheet is enclosed.
- ☒ **Conditional Petition for Extension of Time:** An extension of time is requested to provide for timely filing if an extension of time is still required after all papers filed with this transmittal have been considered. Please charge the fees required therefor to Deposit Account No. 19-2548.
- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-2548. A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 C.F.R. 1.16.
- ☒ Any patent application prosecution fees under 37 C.F.R. 1.17.

Date: April 26, 2006PAF/jhs  
Enclosure
  
 Ronald D. Faggarter (Reg. No. 33,345)  
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 438 University Avenue, Suite 1500, Box 111  
 Toronto, Ontario, Canada M5G 2K8  
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APR 26 2006

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Alexandria, VA 22313-1450  
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) Group Art unit: 2157

) Confirmation No. 5400

) Examiner: Hussein A. El Chanti

) Attorney Docket: 92074-112

) PTO Customer No.: 22463

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Ronald D. Faggetter (Reg. No. 33,345)

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Dear Sir:

RESPONSE TO OFFICE ACTION

This is in response to the Office Action mailed January 26, 2006. Applicant respectfully requests reconsideration of the claims presented.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begins on page 9 of this paper.

04/27/2006 MBINAS 00000037 192548 10029194  
01 FC:1202 100.00 DA